

Peak District National Park

Forecast valid from 00:00 on Monday 30 Jan 2023 until 23:59 on Tuesday 31 Jan 2023

Forecast Issued on Sunday 29 Jan 2023 at 14:34

Confidence: High, but Medium for cloud details.

Headline for Monday 30 Jan 2023: Mainly dry and bright. Cold and windy at height.

Mountain weather hazards on Monday 30 Jan 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Clear night	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability							
30%	<05%	10%	20%	10%	<05%	00%	20%

Forecast for Monday 30 Jan 2023

Weather: Mainly dry with patchy cloud and clear spells overnight, perhaps the odd light shower which could be wintry over the highest tops. Bright during daylight hours and mainly dry, although an isolated light shower possible through the morning, again any showers wintry over the highest tops.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Occasional or patchy cloud above the tops. Visibility mainly very good.

Forecast for Monday 30 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/38 W	31/41 W	24/32 W	22/30 W	21/30 W	17/25 W	16/22 W	21/29 W	19/27 SW
300	20/29 W	22/31 W	20/29 W	16/24 W	18/26 W	15/23 W	11/20 W	12/21 SW	14/22 SW
Valley	14/29 W	15/34 W	13/29 W	9/21 W	12/24 W	12/23 W	8/18 W	7/19 SW	9/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	1/-7	1/-6	1/-5	2/-4	2/-3	2/-4	1/-5	1/-5
300	5/0	4/-2	4/-2	4/-1	5/0	5/1	4/-0	3/-1	3/-1
Valley	5/1	4/-1	4/-0	4/1	6/2	6/3	4/1	3/0	4/0
Freezing Level*	800m	600m	700m	700m	800m	800m	700m	800m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 29 Jan 2023	2.8mm	3.2mm	4mm

Forecast for Tuesday 31 Jan 2023

Weather: Overnight and early morning rain, then bright with occasional showers, any showers wintry over the tops. Severe wind chill.

Maximum wind: West 35mph gusts 50mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Cloud mainly above the tops, but lowering significantly in showers. Visibility very good falling moderate to very poor in wintry showers.

Temperature: **Valleys:** Plus 4 to 8 Celsius
At 600m: Zero to Plus 2 Celsius
Freezing level: 600 to 800m, although higher overnight.